

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	"20080146468".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:12
L3	1050	"KONISHI, SHOZABURO".in. or "KANO, MAKOTO".in. or "UENO, TAKAFUMI".in. or "ISHIKAWA, TAKAO".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/01/31 10:12
L4	1293	L3 or ("NIPPON OIL CORPORATION" or "NISSAN MOTOR CO.").as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/01/31 10:15
L5	30	L4 and ("diamond-like carbon" or DLC or "diamond like carbon" or "diamond-like coat" or "diamond like coat" or "diamond- like coating" or "diamond like coating") and \$9oleate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/01/31 10:15
L6	1200	508/433,109,154,179.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:16
L7	4176	428/408.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:16
L8	5363	L6 or L7	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:16
L9	1	L8 and ("diamond-like carbon" or DLC or "diamond like carbon" or "diamond-like coat" or "diamond like coat" or "diamond- like coating" or "diamond like coating") and ((base adj oil) or lubrica\$5) and \$9oleate and @ad<"20030806"	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:23
L10	0	L8 and ("diamond-like carbon" or DLC or "diamond like carbon" or "diamond-like coat" or "diamond like coat" or "diamond- like coating" or "diamond like coating") and ((base adj oil) or lubrica\$5) and salicylate and @ad<"20030806"	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:23

L11	12	L8 and ("diamond-like carbon" or DLC or "diamond like carbon" or "diamond-like coat" or "diamond like coat" or "diamond-like coating" or "diamond like coating") and ((base adj oil) or lubrica\$5) and (zinc or Zn) and @ad<"20030806"	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:24
L12	119	L8 and ("diamond-like carbon" or DLC or "diamond like carbon" or "diamond-like coat" or "diamond like coat" or "diamond-like coating" or "diamond like coating") and ((base adj oil) or lubrica\$5) and @ad<"20030806"	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:24
L13	11	("20020086803" "20020142922" "20030162672" "20040092405" "20040242434" "20050241216" "20050272616" "5282990" "6333298" "6508416" "6543394").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:26
L14	537	"20020057855"(US-PGPUB) "20020060982"(US-PGPUB) "20020174741"(US-PGPUB) "20030099416"(US-PGPUB) "20040146667"(US-PGPUB) "20040164502"(US-PGPUB) "20050062470"(US-PGPUB) "20050141797"(US-PGPUB) "20050229851"(US-PGPUB) "20050280413"(US-PGPUB) "20060095060"(US-PGPUB) "20060158181"(US-PGPUB) "20070060483"(US-PGPUB) "20070090741"(US-PGPUB) "20080146468"(US-PGPUB) "20080190284"(US-PGPUB) "5462784"(USPAT) "5482602"(USPAT) "5637373"(USPAT) "5672054"(USPAT) "5674638"(USPAT) "5734530"(USPAT) "5762110"(USPAT) "5837357"(USPAT) "5922415"(USPAT) "5947710"(USPAT) "5989672"(USPAT) "6001479"(USPAT) "6122148"(USPAT) "6165582"(USPAT) "6177754"(USPAT) "6194047"(USPAT)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:26

		"6221108" (USPAT) "6221108" (USPAT) "6238197" (USPAT) "6328856" (USPAT) "6335080" (USPAT) "6373659" (USPAT) "6391419" (USPAT) "6461726" (USPAT) "6499881" (USPAT) "6529347" (USPAT) "6613459" (USPAT) "6615689" (USPAT) "6923451" (USPAT) "6954065" (USPAT) "6994474" (USPAT) "7012425" (USPAT) "7078895" (USPAT) "7172343" (USPAT)				
L15	113	("diamond-like coating" or "diamond like coating" or DLC or "diamond-like carbon" or "diamond like carbon") and (GTL or "gas to liquid" or "Fischer-Tropsch" or fischer adj tropsch or hydrocrack\$3 or PAO or polyalphaolefin).bi.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:28
L16	25	L15 and ((zinc near dithiophosphate) or (zinc near dialkylphosphate) or (zinc near dialkyldithiophosphate) or ZDP or ZDDP) and \$9oleate and salicylate	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:28
L17	54	("Fischer-Tropsch" or fischer adj tropsch) same aromatic near content and (sulfur or sulphur) near content and "internal combustion engine"	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:29
L18	27	aromatic and (sulfur or sulphur) and ((metal or zinc or Zn) near dialkylphosphate)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/31 10:30
L19	4	("diamond-like coating" or "diamond like coating" or DLC or "diamond-like carbon" or "diamond like carbon") and (GTL or "gas to liquid" or "Fischer-Tropsch" or fischer adj tropsch or hydrocrack\$3 or PAO or polyalphaolefin).bi.	FPRS; EPO; JPO	OR	ON	2011/01/31 10:30
L20	0	("diamond-like coating" or "diamond like coating" or DLC or "diamond-like carbon" or "diamond like carbon") and detergent and friction	FPRS; EPO; JPO	OR	ON	2011/01/31 10:30

L21	2	("diamond-like coating" or "diamond like coating" or DLC or "diamond-like carbon" or "diamond like carbon") and (detergent or salicylate)	FPRS; EPO; JPO	OR	ON	2011/01/31 10:31
-----	---	---	----------------	----	----	------------------

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	634	508/433,109,154,179.ccls.	USPAT; UPAD	OR	ON	2011/01/31 10:31
L23	3091	428/408.ccls.	USPAT; UPAD	OR	ON	2011/01/31 10:31

1/31/2011 10:33:42 AM**H:\Workspaces\10566915.wsp**